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CLAIMS

1. A dishwasher comprising a washing basket,

characterised in that

the dishwasher (1) comprises a guidance system (4) that is connected to the washing basket (2) in an air-guiding manner and contains at least one Peltier element (10), said Peltier element being used for cooling and thereby drying, and also for heating air guided through the washing basket (2).

2. The dishwasher according to claim 1,

characterised in that

in the at least one "drying" partial programme section air from the washing basket (2) is passed into the guidance system (4) and back into the washing basket (2).

3. The dishwasher according to claim 1 or claim 2,

characterised in that

the washing container (2) has an outlet (3) with a pipe (5) to one part (11) of the Peltier element (10), a pipe (6) from one part (11) of the Peltier element (10) to the other part of the Peltier element (12) and an inlet (8) with a pipe (7) from the other part (12) of the Peltier element (10), wherein a fan (9) is arranged in the pipe (5) to one part (11) of the Peltier element (10) which supplies at least some of the air in the washing basket (2) to the guidance system (4) at least temporarily.

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4. The dishwasher according to any one of claims 1 to 3,

characterised in that

the air is cooled by means of the Peltier element (10).
5. The dishwasher according to any one of claims 1 to 3,

characterised in that

the air is heated by means of the Peltier element (10).
6. The dishwasher according to any one of claims 1 to 4,

characterised in that

a heater (15) is arranged in the pipe (7) between the other part (12) of the Peltier element (10) and the inlet (8).
7. The dishwasher according to any one of claims 1 to 5,

characterised in that

a condenser (16) is arranged in the pipe (7) between the outlet (3) and the one part (11) of the Peltier element (10).
8. The dishwasher according to any one of claims 1 to 5,
characterised in that

a condenser (16) is arranged in the pipe (6) between one part (11) of the Peltier element and the other part (12) of the Peltier element (10).